| (See Comm | nents Sectio | n at the end of | document for complete descriptions of fields) | | | | |
|------------|--------------|----------------------------|--|-------------|-----|-----|---------|
| | | | | | | | |
| Identifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
| 6000 | 1.0 | 1.2 | Support the training of unit commanders and their intelligence staff components. | | Х | | |
| 6005 | 1.1 | 1.2 | Support training from battalion through Echelons Above Corps (EAC). | | Х | | |
| 6010 | 1.2 | 3.2 | Support training events to include Joint Task Forces training events. | | Х | | |
| 6015 | 1.4 | 1.2 | Support training events to include schooling and educational institutions. | | Х | | |
| 6020 | 2.0 | 1.2 | Provide collection management training. | | Х | | |
| 6025 | 2.1 | 1.2 | Provide collection management support. | | Х | | |
| 6030 | 3.0 | 1.2 | Support intelligence requirements of large scale exercises. | | Х | | |
| 6035 | 3.1 | 1.2 | Use Ulchi Focus Lens as a demonstration of a large scale exercise. | | Х | | |
| 6040 | WARSIM | 1.2 | Use Corps Warfighter as a demonstration of a large scale exercise. | | Х | | |
| 6045 | 4.0 | 1.2 | Support training events to include only intelligence personnel. | | Х | | |
| 6050 | 4.1 | 1.2 | Provide capability to use intelligence unit TO&E equipment. | | Х | | |
| 6055 | 4.2 | 1.2 | Use 513th MI BDE's Bold Knight exercise as a demonstration for an intelligence training scenario. | | Х | | |
| 6060 | HLA | 1.2 | Use Joint Precision Strike Demonstration (JPSD) 96 exercise as a demonstration for an intelligence training scenario, in regards to C4I linkage. | | | Х | |
| 6065 | 5.0 | 1.2 | Provide an intelligence training environment. | | Х | | |
| 6070 | WARSIM | 3.2 | Provide a training environment consisting of simulation control and execution. | | Х | | |
| 6075 | WARSIM | 3.2 | Provide a training environment consisting of simulation system management | | Х | | |
| 6080 | WARSIM | 3.2 | Provide a training environment consisting of simulation data retrieval and storage. | | Х | | |

| ldentifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|----------|----------------------------|---|-------------|-----|-----|--|
| 6085 | 5.1 | 3.3.4 | Environment shall include targets and collection assets across the operational continuum. | | X | | |
| 6090 | 6.0 | 3.2.d. | Environment shall include real world sensor simulation models of both joint and combined forces. | | Х | | |
| 6095 | 7.0 | 3.2.a. | Simulation shall interoperate with simulators, live instrumented ranges, and vehicles. | | Х | | |
| 6100 | 7.1 | 3.2.a. | Simulation shall interoperate with IEWTPT. | | Х | | IEWTPT: Intelligence and Electronic Warfare Tactical Proficiency Trainer |
| 6105 | USAIC&FH | | Simulation shall provide scenario generation capability to the level of resolution required by IEWTPT. | | | Х | This requirement probably means more data being required in WIM objects than WARSIM objects currently provide. |
| 6110 | 7.2 | 3.2 | Simulation shall allow for expansion of training by adding components required for joint and combined forces training. | | Х | | |
| 6115 | 8.0 | 3.3.1 | Simulation shall portray effects of ground, air, ocean and space intelligence sources. | | Х | | |
| 6120 | 8.1 | 3.3 | Intelligence sources shall have the capability to perform typical collection and reporting operations. | | Х | | |
| 6125 | 8.2 | 3.3.1 | Joint and combined intelligence collection and reporting shall affect Army collection and reporting. | | Х | | |
| 6130 | 9.0 | 3.3.1 | Actions of other services that affect planning and execution of Army operations shall be modeled. | | Х | | |
| 6135 | 9.1 | 3.3.1 | Air reconnaissance shall be modeled. | | Х | | |
| 6140 | 9.2 | 3.3.1 | Actions to be modeled shall include collection assets that have a critical effect on intelligence planning and execution. | | Х | | |
| 6145 | 10.0 | 3.3.2 | The simulation shall portray national assets products. | | Х | | |
| 6150 | 10.1 | 3.3.2 | National assets products shall include national sources, collection, and reporting systems. | | Х | | |
| 6155 | 10.2 | 3.3.2 | National assets shall be modeled at each appropriate echelon. | | Х | | |

| Identifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|----------|----------------------------|---|-------------|-----|-----|--|
| 6160 | 10.3 | 3.3.2 | HUMINT, IMINT, SIGINT, and MASINT reports and data shall be modeled. | | X | | HUMINT: Human Intelligence, SIGINT: Signals Intelligence, IMINT: Imagery Intelligence, MASINT: Measurement and Signatures Intelligence |
| 6165 | 11.0 | 3.3.3 | The products from Allied (BLUFOR) and Neutral (Gray/Clandestine) Forces assets shall be modeled. | | Х | Х | BLUEFOR: IOC Requirement, Gray/Clandestine: FOC Requirement |
| 6170 | 11.1 | 3.3.3 | Allied assets shall be modeled at each appropriate echelon. | | Х | | |
| 6175 | 11.2 | 3.3.3 | Allied assets products shall include IMINT, HUMINT and SIGINT. | | Х | | |
| 6180 | 11.3 | 3.3.3 | Allied assets shall include commercial satellite collection systems. | | Х | | |
| 6185 | 11.4 | 3.3.3 | Allied assets products shall include commercial satellite products. | | Х | | |
| 6190 | 12.0 | 3.4.2 | The simulation shall portray both entity and aggregate levels of detail. | | Х | | |
| 6195 | 12.1 | 3.4.2 | The level of detail shall include portrayal of individual entity signatures. | | Х | | |
| 6200 | 12.2 | 3.4.2 | The level of detail shall include portrayal of aggregate units signatures. | | Х | | |
| 6205 | 12.3 | 3.4.2 | Aggregations of units shall include engagements, battles, and campaigns. | | Х | | |
| 6210 | 12.4 | 3.4.2 | The simulation shall have the capability to doctrinally aggregate/deaggregate intelligence unit structures. | | Х | | |
| 6215 | USAIC&FH | | Aggregations/deaggregation shall support communications networks and emission signatures as well as units (e.g. an aggregate picture of the background noise on the battlefield). | | | Х | |
| 6220 | 12.5 | 3.2 | Individual and aggregate unit signatures shall include MTI, FTI, SAR and other signatures. | | Х | | MTI: Moving Target Indicator, FTI: Fixed Target Indicator, SAR: Synthetic Aperature Radar |
| 6225 | 13.0 | 3.4.2 | Both entity and aggregate unit performance data shall be modeled. | | Х | | |
| 6230 | 13.1 | 3.4.2 | Performance data shall be modeled at each appropriate level of classification. | | Х | | |

| ldentifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|--------|----------------------------|---|-------------|-----|-----|---|
| 6235 | 14.0 | 3.4.5 | The simulation shall accommodate multi-echelon exercises. | | Х | | |
| 6240 | 14.1 | 3.7.3 | Multi-echelon exercises shall include three to five echelons of command for a large exercise. | | Х | | |
| 6245 | 14.2 | 3.7.3 | Multi-echelon exercises shall include one to two echelons in a small or seminar exercise. | | Х | | |
| 6250 | 15.0 | 3.2.a | The simulation shall interact with intelligence staffs using actual mission and C4I equipment. | | Х | | |
| 6255 | 15.1 | 3.2.a | Interfaces to mission and C4I equipment shall be such that the simulation is "transparent" to the training staff. | | Х | | |
| 6260 | 15.2 | 3.3.5 | Staff interaction with mission and C4I equipment includes both input of orders and information in actual input formats and output of reports and information in actual report formats. | | Х | | |
| 6265 | 15.3 | 3.2.a | The simulation shall interoperate seamlessly with all mission and C4I equipment required for the exercise at once. | | Х | | |
| 6270 | 15.4 | 3.3 | The simulation shall interoperate with the JCMT. | | Х | | JCMT: Joint Collection Modeling Tools |
| 6275 | 15.5 | 3.2.b | Computer systems, networks, and databases shall utilize distributed computing techniques. | | Х | | |
| 6280 | 16.0 | 3.4 | The simulation shall receive and present its information at the leve of detail appropriate to each training unit. | | Х | | |
| 6285 | 17.0 | 3.4 | The simulation shall accurately portray the impact of environment on units. | | Х | | |
| 6290 | 17.1 | 3.4 | The environment shall include the terrain and weather elements and databases generated by WARSIM 2000. | | Х | | |
| 6295 | 17.2 | 3.4.6 | The impact of environment on units shall include, but not be limited to, electronic signatures, communication, movement, effective range, LOB, LOS, EO/IR, and cognitive processes. | | | Х | LOB: Line of Bearing, LOS: Line of Sight, EO/IR: Electro-optic/Infrared |
| 6300 | 17.3 | 3.4 | Updates of weather or terrain information from WARSIM 2000 during an exercise shall be reflected in the intelligence simulation modeling. | | Х | | |
| 6305 | 19.0 | 3.4.11 | Communication within the simulation shall be degraded by environmental conditions, extended ranges, equipment malfunctions, network overload based on combat activities and communications equipment destruction. | | Х | | |

| ldentifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|--------|----------------------------|--|-------------|-----|-----|---|
| 6310 | 19.1 | 3.4.11 | The simulation shall account for the effects of both hostile actions and fratricide. | | Х | | |
| 6315 | 20.0 | 1.2 | WIM shall be capable of interaction with other simulations and systems through the HLA RTI. | | | Х | |
| 6320 | 20.1 | 3.5.2 | Interactions shall include integrating WIM with WARSIM 2000 and each of its modules. | | Х | | |
| 6325 | 20.1.1 | 3.2 | Simulation shall support training at all of the fielded WARSIM 2000 regional fixed sites. | | Х | | |
| 6330 | 20.2 | 3.5.2 | Interactions shall include simulation to simulation interaction (i.e. WARSIM to WARSIM) | | Х | | |
| 6335 | 20.3 | 3.5.2 | Interactions shall include interfacing to simulations. | | Х | | |
| 6340 | 20.4 | 3.5.2 | Interactions shall include interfacing to simulators. | | Х | | |
| 6345 | 20.5 | 3.2.a | Interactions shall include interfacing to live instrumented ranges, vehicles or equipment. | | Х | | |
| 6350 | 20.6 | 3.2.a | Interactions shall include interfacing to actual mission and C4I equipment. | | Х | | |
| 6355 | 20.7 | 3.4.11 | Interactions shall include the capability to provide synchronization of communications degradation levels. | | Х | | |
| 6360 | 20.8 | 1.2 | Architecture shall support the Technical Architecture Framework for Information Management (TAFIM). | | Х | | |
| 6365 | 21.0 | 3.4.12 | The simulation shall portray the effects of electronic and information warfare on the simulated units' ability to carry out missions on the battlefield. | | Х | | |
| 6370 | 21.1 | 3.4.12 | Simulated units shall include friendly, opposing and grey/clandestine forces. | | Х | Х | Friendly/opposing: IOC, gray/clandestine: FOC |
| 6375 | 21.2 | 3.4.12 | Electronic and information warfare shall include effects on units' automated systems, communications, radar and intelligence operations. | | Х | | |
| 6380 | 22.0 | 3.4.13 | The effects of precision munitions against simulation targets shall be modeled in the form of decreased capabilities and/or characteristics. | | Х | | |
| 6385 | 23.0 | 3.4.13 | Changes to a units' capabilities and/or characteristics shall affect intelligence collection throughout the simulation. | | Х | | |
| 6390 | 23.1 | 3.4.13 | Destroyed and immobilized units shall remain on battlefield for intelligence collection purposes. | | Х | | |

| Identifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|--------|----------------------------|---|-------------|-----|-----|---------|
| 6395 | 23.2 | 3.4.13 | Destroyed, immobilized or jettisoned equipment or systems within a unit shall remain on battlefield for intelligence collection purposes. | | Х | | |
| 6400 | 23.3 | 3.4.13 | Unit characteristics shall include radar emissions and changes in terrain. | | Х | | |
| 6405 | 23.4 | 3.4.13 | Supplies or equipment gained/lost by a unit during an exercise shall change that unit's capabilities and/or characteristics. | | Х | | |
| 6410 | 24.0 | 3.5 | Simulation shall use flexible and responsive communications gateways between elements and to remote locations involved in training exercise. | | Х | | |
| 6415 | 24.1 | 3.2.c | Simulation shall use secure terrestrial and satellite media for transmitting appropriate voice, data, facsimile, imagery, and live video between simulation elements. | | Х | | |
| 6420 | 25.0 | 3.5.1 | Training support personnel shall be able to make changes during an exercise with minimal disruption to the exercise. | | Х | | |
| 6425 | 25.1 | 3.5.1 | Training personnel shall be able to change scenarios, input parameters, rules, message formats, network structures and etc. | | Х | | |
| 6430 | 25.2 | 3.5.1 | The scenario shall have modification ability during simulation exercise. | | Х | | |
| 6435 | 26.0 | 3.5.2 | Simulation shall link with other simulators. | | Х | | |
| 6440 | 26.1 | 3.5.2 | Simulation shall operate with Joint Surveillance Target Attack Radar (JSTARS) System Simulator (JSS) and High Resolution System Stimulator (HRSS). | | Х | | |
| 6445 | 26.2 | 3.5.2 | Simulation shall operate with IEWTPT. | | | Х | |
| 6450 | 26.3 | 3.6 | Simulation shall operate with DIS/HLA-compliant prototype simulations. | | Х | | |
| 6455 | 26.4 | 3.5.2 | Simulation shall operate with instrument ranges. | | Х | | |
| 6460 | 27.0 | 3.5.2 | System operators can allow units of simulators to enter or leave the simulation environment without disrupting the training exercise. | | Х | | |

| ldentifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|--------|----------------------------|--|-------------|-----|-----|------------------------------|
| 6465 | 28.0 | 3.5.3 | The simulation shall provide intelligence unit trainees the ability to use organizational systems for all incoming and outgoing communications and data transfer with the simulation. | | X | | |
| 6470 | 29.0 | 3.5.3 | Simulation shall integrate with each component of the organization systems at all echelons. | | Х | | |
| 6475 | 29.1 | 3.5.3 | Simulation shall integrate with simulated UAVs. | | Х | | UAV: Unmanned Aerial Vehicle |
| 6480 | 30.0 | 3.5.3 | Simulation shall send and receive information in the format or display mode via media or means employed the simulated system. | | Х | | |
| 6485 | 30.1 | 3.5.3 | UAV output shall be in video form. | | Х | | |
| 6490 | 30.2 | 3.5.3 | Messages from a SIGINT collection shall be electronic data transmission, RF, voice and ect. | | Х | | |
| 6495 | 31.0 | 3.5.4 | Provide several types of secure terrestrial and satellite communications support for training exercise . | | Х | | |
| 6500 | 32.0 | 3.5.5 | Simulation shall use, manipulate, input data to, and extract data from a variety of databases . | | Х | | |
| 6505 | 32.1 | 3.5.5 | Databases shall include Army organizational system databases and other US intelligence community used by the Army intelligence units. | | Х | | |
| 6510 | 32.2 | 3.5.5 | Databases shall include DODIIS databases and other Allied intelligence community databases used by the Army intelligence units. | | | Х | |
| 6515 | 32.3 | 3.5.5 | Databases shall include standard army management information systems using standard Commercial or Government Off-the-Shelf database management systems. | | | Х | |
| 6520 | 33.0 | 3.5.5 | Data manipulation by simulation shall include approved means of changing classification. | | Х | | |
| 6525 | 33.1 | 3.5.5 | Such as, if fixed facilities information is loaded into the database, but the exercise does not want to use real BE numbers, then a quick way of changing to generic unclassified data must be provided. | | Х | | |
| 6530 | 34.0 | 3.5.6 | Simulation shall archive data to meet intelligence unit's specific training objectives. | | Х | | |
| 6535 | 34.1 | 3.5.6 | Provide data for the scenario databases. | | Х | | |

| ldentifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|--------|----------------------------|---|-------------|-----|-----|---------|
| 6540 | 34.2 | 3.5.6 | Provide information to support the AAR requested by the unit, the Center for Army Lessons Learned, and the Battle Command Training Program (BCTP). | | Х | | |
| 6545 | 35.0 | 3.5.6 | Data shall be archived with respect to time in order to facilitate examination of the dynamics of intelligence collection activities during the battle. | | Х | | |
| 6550 | 36.0 | 3.5.6 | Simulation shall archive date needed for verification, validation, test, and evaluation. | | Х | | |
| 6555 | 37.0 | 3.5.7.1 | Operate and produce reports in an unclassified mode. | | Х | | |
| 6560 | 38.0 | 3.5.7.1 | Transmit classified data over the distributed network. | | Х | | |
| 6565 | 39.0 | 3.5.7.1 | Use classified data as a part of the model parameters in a classified database, media storage, and purging of classified data from systems. | | Х | | |
| 6570 | 40.0 | 3.5.7.1 | Deny unauthorized users. | | Х | | |
| 6575 | 41.0 | 3.5.7.1 | Required classification levels shall include unclassified, secret, and top secret-sensitive compartmented information (TS/SCI) for intelligence models and reports. | | Х | | |
| 6580 | 42.0 | 3.5.8 | Provide intelligence unique tools to facilitate AAR for intelligence personnel. | | Х | | |
| 6585 | 42.1 | 3.5.8 | Tools shall include, but are not limited to, displays of intelligence collection coverage at any point in the simulation. | | | Х | |
| 6590 | 42.2 | 3.5.8 | Provide the ability to display the battlefield as sensed by the modeled collection systems compared to the ground truth. | | Х | | |
| 6595 | 42.3 | 3.5.8 | Provide displays of errors or mistakes induced by the system. | | Х | | |
| 6600 | 44.0 | 3.5.1 | Permit modification of sensor parameters to allow for technical advancement. | | Х | | |
| 6605 | 45.0 | 3.3.4 | Provide intelligence collection against and by OPFOR. | | Х | | |
| 6610 | 45.1 | 3.3.3 | Provide intelligence collection against and by gray organization's apparatus. | | Х | | |
| 6615 | 45.2 | 3.3.3 | Provide intelligence collection against and by gray clandestine and/or covert organization's apparatus. | | | Х | |
| 6620 | 46.0 | 3.3.1 | Provide for simulation of political, economic and infrastructure information. | | | Х | |

| Identifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|--------|----------------------------|--|-------------|-----|-----|-------------------------------------|
| 6625 | 47.0 | 3.3 | Provide intelligence simulation support to Military Operations Other Than War (MOOTW). | | | X | |
| 6630 | 47.1 | 3.3 | Support disaster relief, military assistance to civil disturbance, non combatant evacuation, peacekeeping/peacemaking, riot control, stabilization, counter-drug and counter-terrorism operations. | | | Х | |
| 6635 | 48.0 | 3.2.h | Prepare and conduct both daily and end of end of exercise AAR's for the training event adequate for the intelligence training commmunity. | | Х | | |
| 6640 | USFK | | Facility Degredation: Fixed Targets shall suffer damage with fine enough detail to provide realistic intelligence for targeting/restrike | | Х | | |
| 6645 | USFK | | Damage Signature: Wreckage must be left behind for portrayal of damage signatures for both facilities and units | | Х | | |
| 6650 | USFK | | Impact on OPFOR operations: Damage to OPFOR logistical and C2 infrastructure does not translate into OPFOR effectiveness. Thus, there is little incentive to apply maneuver warfare principles. | | Х | | |
| 6655 | USFK | | Some impact on OPFOR OPTEMPO is desired when damage to such infrastructure reaches pre-programmed thresholds. | | Х | | |
| 6660 | USFK | | C2 Warfare: Must have effective implementation of C2W campaign. | | Х | | C2W: Command and Control Warfare |
| 6665 | USFK | | Underground facilities (UGF): UGFs, hardened artillery sites and tunnels must be modeled. | | Х | | |
| 6670 | USFK | | MASINT threats: MASINT must be modeled to include IR/thermal signature, audial signature, seismic signature, and magnetic signature (esp. ballistic missile launchers prior to launch) | | Х | | |
| 6675 | USFK | | Simulation catalog on WWW: Have exercise/ confederation lessons learned and suggested workarounds posted on MILNET/SIPRNET | | | Х | |
| 6680 | USFK | | Databases: Rapid database build, quality control, data traceability required. | | Х | | |
| 6685 | USFK | | Map display: Comparison between perceived/ ground truth required. | | Х | | |

| ldentifier | | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|----------|----------------------------|--|-------------|-----|-----|---------------------------------------|
| 6690 | USFK | | Simulation tasking: Collection managers should be able o task assets using real-world H/W, formats, procedures and processors. | | Х | | |
| 6695 | USFK | | Reports: Reports from the simulation should come over the same (tasking) processors that real-world uses. | | Х | | |
| 6700 | USFK | | Maps: Require Datum on UTM map displays (i.e. WGS-84) | | Х | | UTM: Universal Transverse Mercator |
| 6705 | FDB | | System shall have firewall to restrict access to database and system functions. | | Х | | |
| 6710 | FDB | | System shall interface to FDB's document repository server. | | | Х | |
| 6715 | FDB | | System shall use WRDFD mission space. | | Х | | |
| 6720 | FDB | | Interface to FDB shall be via Data Interchange Format (DIF). | | | Х | |
| 6725 | FDB | | I/F to FDB data shall be HTML and Java compliant. | | | Х | |
| 6730 | FDB | | System shall require password access. | | Х | | |
| 6735 | MRCI | | System shall support usage of real-world databases (i.e. TO&E, CSSCS). | | Х | | |
| 6740 | MRCI | | System shall support faster than real time I/F to real-world C4I systems. | | Х | | |
| 6745 | MRCI | | Sytem shall be capable of providing reports in ABCS and CCSIL message formats. | | Х | | |
| 6750 | HLA | | System shall be capable of using CMMS, JCMMS, and DIMSM for mission space. | | Х | | |
| 6755 | USAIC&FH | | System must model real-world mistakes and human errors. | | Х | | |
| 6760 | USAIC&FH | | System must model units to the entity/ platform level. | | Х | | |
| 6765 | USAIC&FH | | System must be capable of handling 500-700K entities. | | | Х | |
| 6770 | USAIC&FH | | System must be capable of driving IEWTPT simulations. | | | Х | |
| 6775 | CIO | | System must be capable of passing imagery to real world tactical communications systems and networks. | | | Х | |
| 6780 | CIO | | System must be capable of filtering INTEL data based upon area, quality, timeliness, and sensor type. | | Х | | |
| 6785 | CIO | | System must have a database search engine. | | Х | | |
| 6790 | CIO | | System shall be capable of marking M&S reports to distinguish them from actual C4I INTEL information. | | Х | | |
| 6795 | CIO | | System shall allow for modification of imagery to meet user needs. | | | Х | |

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|------------|------------|----------------------------|--|-------------|-----|-----|--|
| 6800 | CIO | | IMINT shall require an appropriate network bandwidth to pass information. | | | X | |
| 6805 | DIS FG/C3I | | The system shall incoporate a method to identify country and organization reponsible for entity behavior. | | | Х | |
| 6810 | DIS FG/C3I | | The system shall incorporate a method to identify a unit's organization (e.g. part of 111th MI Bde). | | Х | | |
| 6815 | DIS FG/C3I | | The system shall incorporate a method to identify placement of an entity in context of C2 subordination. | | Х | | |
| 6820 | DIS FG/C3I | | The system shall allow for dynamically changing country, organization, and placement within C2 subordination of units during and exercise. | | | Х | |
| 6825 | DIS FG/C3I | | The system shall use standardized tactical datalink messages. | | Х | | |
| 6830 | DIS FG/C3I | | The system shall allow for the intercept and exploitation of communications between virtual and live units. | | | Х | |
| 6835 | DIS FG/C3I | | The system shall allow for the disruption and manipulation of communications between live and virtual units. | | | Х | |
| 6840 | DIS FG/C3I | | IPB shall include C2 organizational structures of OPFOR, BLUFOR, and Gray (clandestine) forces. | | Х | Х | OPFOR and BLUFOR are IOC requirements, Gray, Orange, Clandestine, Neutral, etc. is an FOC requirement. |
| 6845 | DIS FG/C3I | | System shall represent EM characteristics of environment including reflectivity, IR, thermal, magnetic. | | Х | | |
| 6850 | DIS FG/C3I | | EM characterization on the battlefield shall also include the effect of signature groupings for aggregate units. | | | Х | |
| 6855 | DIS FG/C3I | | The system must allow the user to perform IPB. | | Х | | |
| 6860 | DIS FG/C3I | | Level of encryption of message traffic shall be indicated for determining accessibility, interception, exploitation capability. | | Х | | |
| 6865 | DIS FG/C3I | | The system shall support reporting from reconnaissance, surveillance, and intelligence sources, or any combination of the three. | | Х | | |
| 6870 | DIS FG/C3I | | The system shall incorporate a real-world delay in processing results of intel collection. | | Х | | |
| 6875 | WARSIM | | System shall allow for the generation of imagery from both ground truth databases and intelligence reports. | | Х | | |

| ldentifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|------------|---------------|----------------------------|--|-------------|-----|-----|---|
| 6880 | WARSIM | | System shall use the common operational environment (including both weather and terrain) from WARSIM 2000. | | Х | | |
| 6885 | WARSIM | | System shall be capable of using updated terrain information from WARSIM 2000 as it becomes available. | | Х | | |
| 6890 | WARSIM | | System shall be capable of using updated weather information from WARSIM 2000 as it becomes available. | | Х | | |
| 6895 | WARSIM | | The system shall be integrated with the seven battlefield operating systems (BOSs) (Intelligence, Maneuver, Fire Support, Engineers, Air Defense, Combat Service Support, and Battle C2) provided by WARSIM 2000. | | Х | | |
| 6900 | WARSIM | | There is a potential that WIM may be expanded to include joint tactical training as a part of the JSIMS effort. While joint training requirements are not currently included in the SRD, they may be pursued at a later date as funding becomes available. | | | Х | |
| 6905 | WARSIM | | System will comply with HLA. | | Х | | |
| 6910 | WARSIM | | System will comply with JSIMS effort. | | Х | | |
| 6915 | WARSIM | | System will comply with C4I TA. | | Х | | |
| 6920 | WARSIM | | While there is no current requirement for a fully MLS classification system (multiple security levels at once on the same network), WIM may be required to expand and incorporate this functionality in the future as the technology becomes available. | | | Х | |
| 6925 | WARSIM | | WIM is not required at IOC to pass TS/SCI reports back to the WARSIM 2000 system; only directly to users. | | Х | | |
| 6930 | WARSIM | | Because the WIM architecture shall be based on the WARSIM 2000 architecture, stand-alone WIM exercises shall be conducted using a scaled-down version of the WARSIM 2000 system. | | Х | | |
| 6935 | WARSIM | | If in the future of WIM development a Joint Tactical intel simulation is required, analysis functions such as those performed in the JIC and JAC shall be incorporated. | | | Х | JIC: Joint Intelligence Center, JAC: Joint Analysis Center |
| Comments | <u> </u> : | | | | | | |
| | | | | | | | |

| Identifier | Source | WARSIM SRD Traceability | Requirement Text | Test Method | IOC | FOC | Remarks |
|----------------------------|---|----------------------------|--|-------------|-----|-----|---------|
| Identifier | I noticed that the Lockheed Martin JSIMS Requirements were numbered 2000-5000. Thus, I just started WIM requirements in the 6000-7000 range. | | | | | | |
| | You may renumber these to any numbering scheme you want. | | | | | | |
| Source | Numbers indicate WIM ORD paragraph number. (You may already know that there is no ORD for WIM; however, there WAS an annex document published | | | | | | |
| | by NSC, and it is THAT document I am referring to for traceability.) If the source is NOT a number, it is a requirement taken from the C4ISR Domain | | | | | | |
| | in general, and the source is spelled out (WARSIM, USFK, CIO, etc.). | | | | | | |
| WARSIM SRD Traceability | Because WIM i | s a part of WARSII | II, I have also included traceability to the WARSIM SRD paragraph nu | ımber. | | | |
| Requirement Text | This is the specific requirement for WIM, broken down to the smallest possible single requirement. These may be combined with other | | | | | | |
| | DA requiremen | nts as you see fit. | | | | | |
| Test Method | I left this blank, because WIM will be aligned with all WARSIM 2000 testing (FQT, PQT, PPQT, DT&E, OT&E, VV&A, IV&V, etc.) | | | | | | |
| | and will not ha | ave its own testing | | | | | |
| IOC/FOC | Self explanatory. Aligned with WARSIM 2000 requirements. | | | | | | |
| Remarks | Self explanatory. Mostly acronyms spelled out. | | | | | | |
| | | | | | | | |
| General Comments | This is a domain list of requirements. That does not mean they will be specifically implemented in WIM or JSIMS as a part of C4ISR. | | | | | | |
| | I have only gone to the level of detail necessary to keep this list of requirements unclassified. There are other detailed domain requirements | | | | | | |
| | which I cannot list. | | | | | | |